



Product Service

CERTIFICATE

No. B 104339 0060 Rev. 00

Holder of Certificate: Ningbo Sunways Technologies Co.,Ltd.

No. 1, Second Road
Green Industrial Zone
Chongshou Town
315334 Cixi, Ningbo, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product:

**Converter
GRID-CONNECTED PV INVERTER**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092101621-00

Valid until: 2026-09-27

Date, 2021-09-28

(Zhengdong Ma)

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Model(s): **STT-50KTL-P, STT-60KTL-P**

Parameters:

Model Name	STT-50KTL-P	STT-60KTL-P
PV input ratings		
D.C. Max. input voltage	1100Vd.c.	1100Vd.c.
D.C. MPPT voltage range	160-1000Vd.c.	160-1000Vd.c.
D.C. Max. input current	6*26Ad.c.	6*26Ad.c.
Isc PV	6*40Ad.c.	6*40Ad.c.
AC output ratings		
A.C. Output rated voltage	3/N/PE~ 230/400V	3/N/PE~ 230/400V
A.C. Output rated frequency	50/60Hz	50/60Hz
A.C. Output rated power	50kW	60kW
A.C. Output Max. apparent power	55kVA	66kVA
A.C. Output Rated current	72,5Aa.c.	87Aa.c.
A.C. Output Max. current	83,6Aa.c.	95,3Aa.c.
Power factor	0,8 leading...0,8 lagging	
Protection class	I	
Ingress protection	IP65	
Overvoltage category	II(PV), III(MAINS)	
Operating temperature range	-30°C ... +60°C	
Operating altitude	3000m	
Inverter topology	Non-isolated	

Tested according to: EN 62109-1:2010
IEC 62109-1(ed.1)
EN 62109-2:2011
IEC 62109-2(ed.1)